

## Amendment 306 Contract No. 229944

### To the Contract for the Design, Implementation, Operation and Maintenance of the Regional Fare Coordination System

This Amendment 306 to the Contract for the Design, Implementation, Operation and Maintenance of the Regional Fare Coordination System is entered into this 18th day of August, 2014, by and between Vix Technology (USA) Inc. (formerly known as ERG Transit Systems (USA) Inc), a California corporation and wholly owned subsidiary of Vix Mobility Pty Ltd, an Australian corporation, (hereinafter referred to as the "Contractor") and each of the following seven public transportation agencies (hereinafter referred to individually as an "Agency" or collectively as the "Agencies"):

1. Central Puget Sound Regional Transit Authority ("Sound Transit")
2. King County ("King County")
3. Kitsap County Public Transportation Benefit Area ("Kitsap Transit")
4. Pierce County Public Transportation Benefit Area ("Pierce Transit")
5. Snohomish County Public Transportation Benefit Area ("Community Transit")
6. City of Everett ("Everett")
7. State of Washington, acting through the Washington State Department of Transportation, Washington State Ferries Division ("WSF")

#### Recitals

- A. Effective April 29, 2003, each of the Agencies and the Contractor entered into Contract #229944 ("Contract") to implement a Regional Fare Coordination System ("RFC System") to establish a common fare system utilizing smart card technology. The Contractor is responsible for the development, implementation, operation and maintenance of the RFC System as specified in the Contract.
- B. The Agencies and the Contractor desire to amend Section VI of Exhibit 9, Price Schedule Special Programs, to compensate the Contractor for the work necessary to move the Agencies' reporting functionality from the Production to the Disaster Recovery (DR) database. This work is more fully described in the Contractor's document SEA-09264 PA-ROF *Oracle Reporting Enhancements (Amendment 266/RFI Vix 665) v8.0* as approved by the Agencies on July 23, 2014.

- C. The Parties agree that the necessary Work to modify the system will be performed and compensated as described below.

## **Agreement**

### **Section 1.0 Description of Work**

The Contractor will perform the activities and testing work necessary to move the Agencies' reporting functionality from the Production to the DR database. These modifications are anticipated to have a beneficial impact on the time needed to produce reports. Such work will include the following:

1.1 The Contractor will modify the system as follows:

- (a) Configure the DR Offline Server (OFS) to enable read-only access by the DR Crystal Application server
- (b) Configure the Crystal Application and Web Servers in the DR
- (c) Transfer existing Production report templates, schedules and archives to the DR servers to ensure a seamless transition from an end-user (Agency staff) perspective.
- (d) Configure the Contractor's internal system performance Alerts on the DR OFS data base and Reporting servers as part of the Production environment for monitoring purposes. The current Reporting KPI's apply.
- (e) Maintain the latency tolerance between DR and Production of approximately one (1) minute.

1.2 The Contractor will perform the following testing activities:

- (a) Expose the DR reports site on the public internet for the purpose of Contractor and Agency testing for a fixed test period. During said test period, Production reports will continue to be available at "reports.orcacard.com"
- (b) Perform a comparative analysis of ten (10) reports before and after the DR cutover to assess performance improvement. The analysis will include the following steps:
  - i. Run each report a minimum of five (5) times before and after the DR cutover.
  - ii. Perform the test runs described in requirement 1.2 (b)i at different times throughout the day to minimize the impact of other system load on the analysis results

(c) Reports referenced in requirement 1.2 (b) shall include the following per parameters approved by the Agencies:

- i. Institutional Unlinked Ridership Summary
- ii. ORCA Boardings by Product Type
- iii. ORCA Boardings by Fare and Passenger Type
- iv. Device Connection Report
- v. Daily Sales by Product
- vi. Fare Payment Transaction Universe (Ad-hoc report) – “Station Boarding Detail”
- vii. Institutional Card Account Transaction History
- viii. ORCA Activity
- ix. Device Inventory Report (available with the most up to date data)
- x. Institutional Regional Pass Revenue Apportionment

1.3 Following Agency testing and acceptance, the Contractor will:

- (a) Implement the approved change to “reports.orcacard.com” to point to the DR reporting site, and
- (b) Restrict external access to the Production reporting servers

1.4 The Contractor will provide the following deliverables per the schedule noted:

- (a) A Report of Findings on the tests performed per requirement 1.2 within twenty (20) business days of the date on which “reports.orcacard.com” goes live from the DR.
- (b) A one-time report to summarize all primary keys and indexed fields in the REPORT database schema within twenty (20) business days of the date on which “reports.orcacard.com” goes live from the DR.

## **Section 2.0 Schedule:**

- 2.1 The Contractor will complete the work described in Sections 1.1, 1.2 and 1.3 no later than October 31, 2014. The work described in Section 1.4 will be delivered per the schedule and trigger event as agreed.



NOW, THEREFORE, in consideration of the mutual covenants contained herein, the sufficiency of which is hereby acknowledged, the Parties hereby agree to amend the Contract as follows:

### Section 3.0 Compensation Changes

3.1 Section VI (Implementation) of Exhibit 9, Price Schedule, is hereby amended to read as follows:

#### VI. IMPLEMENTATION

##### SPECIAL PROGRAMS

<b>LUMP SUM COST</b>
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The Contractor will perform the work to move the reporting functionality from the Production to the Disaster Recovery database.	
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**TOTAL**

**\$26,121**

### Section 4.0 Other Terms and Conditions

All other provisions of the Contract not referenced in this Amendment Three Hundred and six shall remain in effect.

IN WITNESS WHEREOF, authorized representative of the Agencies and the Contractor have signed their names in the spaces provided below.

**Vix Technology (USA) Inc.**

By: \_\_\_\_\_

Its: \_\_\_\_\_

Date: \_\_\_\_\_

*[Signature]*  
General Manager  
8/14/14

**The Agencies**

By: \_\_\_\_\_

Its: \_\_\_\_\_

Date: \_\_\_\_\_

*[Signature]*  
Operations Manager  
August 18, 2014